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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

SPECIAL NOTICE

Calcutta, the 11th March 1961

Attention of the public is invited to the Ministry of Commerce and Industry S.O. No. 278 dated 30th January 1961 published in the Gazette of India, Part II—Section 3(ii) dated 4th February 1961 (page 348) whereby amending their notification No. S.R.O. 681 dated the 23rd March 1955 and appointing The Secretary, Inventions Promotion Board, L.I.C. Building, Parliament Street, New Delhi 1, as one of the authorities for the purpose of Section 72 of the Indian Patents and Designs Act, 1911 (Act II of 1911).

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

23rd February 1961

75478. Ciba Limited. Manufacture of the antibiotic angolamycin.

75479. The United Steel Companies Limited. Improvements relating to nozzles for continuously casting metals. (24th February 1960).

75480. J. R. Giegy A.-G. N-heterocyclic compounds.

75481. J. R. Giegy A.-G. 4-substituted 1, 2-diaryl-3, 5-dioxo-pyrazolidines.

75482. Abbott Laboratories. Improvements in novel heparin process.

75483. Conch International Methane Limited. Ground reservoir for the storage of liquefied gases.

75484. Albiswerk Zurich A.-G. Improvements in coupling members for coaxial transmission lines.

75485. Rohm & Haas Company. Process for preparing oil-soluble copolymers which provide detergent and dispersant actions in hydrocarbon oils.

75486. Bombay Bucket & Iron Brass Metal Works. Improvements in or relating to sheet metal rolling machine.

75487. Director, Indian Institute of Science, Bangalore-12. Improvements in or relating to surface tension meters.

75488. Director, Indian Institute of Science, Bangalore-12. Improvements in or relating to surface tension meters.

24th February 1961

75489. J. D. Nichani and S. J. Nichani. Sofa-cum-bed.

75490. K. D. Kalra. Improvements in or relating to hydraulic intensifiers.

75491. Associated Electrical Industries Limited. Electric discharge lamps. (4th March 1960).

75492. Ruti Machinery Works Ltd., formerly Casper Honegger. Mechanism arranged on an automatic loom for stripping and holding the bunch of a weft-bobbin to be inserted into the shuttle.

75493. Shell Internationale Research Maatschappij N. V. A process for the production of acetylene containing gas mixtures. (26th February 1960).

75494. Aktiebolaget Jonkoping-Vulcan. Method for manufacturing building boards and building boards manufactured according to said method.

75495. United States Atomic Energy Commission. Solid gas suspension nuclear fuel assembly.

75496. Esso Research and Engineering Company. A tetrapolymer.

75497. Rohm & Haas Company. Ion-exchange resins.

75498. Reynolds Metals Company. Metal manufacture and product.

75499. Shell Internationale Research Maatschappij N. V. Apparatus for drawing samples of liquid from a line.

75500. Lionel Hoadley, and The Britannia Engineering Co. Ltd. Improvement in or relating to the withering of tea leaf and the like.

75501. The Bendix Corporation. Hub and brake assembly for velocipede or the like.

75502. Burnett and Rolfe Limited. Improvements relating to formaldehyde manufacture.

75503. Sudhir Kumar Dhar. Improvements in or relating to miner's oil flame lamps.

75504. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Alkoxyimethylenamides of O, O-dialkylthio and O, O-dialkyl-dithiophosphorylacetic acids.

75505. Societa Farmaceutici Italia. Process of preparing 4-hydroxy-3-keto-4-androstenes.

75506. J. M. Voith G.M.B.H. Hydrodynamic coupling with free-drive action.

25th February 1961

75507. Automatic Telephone & Electric Company Limited. Improvements in or relating to telephone systems. (2nd March 1960).

75508. Automatic Telephone & Electric Company Limited. Improvements in or relating to loop-impulsing correctors. (9th March 1960).

75509. Automatic Telephone & Electric Company Limited. Improvements in or relating to telephone systems. (1st March 1960).

75510. Automatic Telephone & Electric Company Limited. Improvements in or relating to electromagnetic relays. (5th March 1960).

75511. S. Ramanujam and R. V. Saluja. Improvements in or relating to the preparation of heat resisting paints.

75512. The International Nickel Company of Canada, Limited. All-position nickel-chromium alloy welding electrode. (27th July 1960).

75513. General Aniline & Film Corporation. Fiber improving agent and process.

75514. Rohm & Haas Company. Removal of Iron oxides.

75515. Distington Engineering Company Limited. Improvements in or relating to belt conveyors. (3rd March 1960).

75516. J. V. Sternberg. Improvements in or relating to the manufacture of pressure cast articles.

75517. Lockheed Aircraft Corporation. Refuse converter.

75518. Marconi's Wireless Telegraph Company Limited. Improvements in or relating to radio frequency amplifiers. (6th April 1960).

75519. Imperial Chemical Industries Limited. Treatment of polymers. [Divisional date 5th October 1959.]

75520. Megator Pumps and Compressors Limited. Improvements in liquid strainers. (16th March 1960).

75521. Continental Oil Company. Compositing sequentially produced signals.

75522. South African Farm Implement Manufacturers Limited. Improvements in or relating to agricultural implements. (11th March 1960).

75523. Standard Telephones and Cables Limited. Improvements in or relating to semiconductor rectifiers. (17th March 1960).

75524. Birs Beteiligungs-Und Verwaltungsgesellschaft A.G. Air-drying and heat-recovery process and apparatus.

75525. H. Maenz and S. Husted-Andersen. Dropper with air-supply system for infusion and transfusion apparatus.

75526. Standard Telephones and Cables Limited. Improvements in or relating to co-axial type cables and methods of manufacture thereof. (28th April 1960).

75527. L. & C. Steinmuller G.M.B.H. Means for sealing the connections between a boiler and moving tubes.

75528. Don B. Kauffeld. Closed-end container.

27th February 1961

75529. Shell Internationale Research Maatschappij N. V. Process for the production of alkyd resins.

75530. Shell Internationale Research Maatschappij N. V. Lubricants for wire ropes and process for the production thereof.

75531. National Lead Company. Carbon-polyolefine compositions and process for making same. [Addition to No. 67655.]

75532. United Kingdom Atomic Energy Authority. Improvements in or relating to nuclear reactor fuel elements. (2nd March 1960).

75533. United Kingdom Atomic Energy Authority. Improvements in or relating to nuclear reactor fuel elements. (2nd March 1960).

75534. The British Iron and Steel Research Association. Improvements in or relating to casting moulds. (8th March 1960).

75535. Automatic Telephone & Electric Company Limited. Improvements in or relating to pulse generating circuits. (23rd March 1960).

75536. Trico Holdings Limited. Improvements in or relating to knitting machines.

75537. Western Electric Company Incorporated. Improvements in or relating to magnetically controlled relays. (21st April 1960).

75538. Western Electric Company Incorporated. Improvements in or relating to magnetic switching devices. (22nd April 1960).

75539. J. J. Fox. Releasable bottle sealing caps. (21st March 1960).

75540. Carter Products Inc. A method of preparing 2-methyl-2-sec-butyl-1, 3-propanediol dicarboxylate. [Divisional date 1st December 1959.]

75541. American Cyanamid Company. 21-nitrogen substituted steroids of the pregnane series and methods of preparing the same.

75542. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble phthalocyanine dyestuffs and process for their manufacture.

75543. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo-dyestuffs and process for preparing them.

28th February 1961

75544. A. Muktadir (Alias) Farouk. Improvement in or relating to the internal combustion engine.

75545. Hindustan Housing Factory Limited. Improvements in or relating to castings machine for railway sleepers.

75546. P. M. Chaubal. Sun-boilers.

75547. P. M. Chaubal. Improvements in or relating to patients bag.

75548. P. C. L. Mistry (P. L. Mistry). Tiffin-carrier.

75549. Chas. Pfizer & Co., Inc. Tetracycline recovery process.

75550. Texaco Development Corporation. Production of a gas containing carbon monoxide and hydrogen from carbonaceous fuels.

75551. The British United Shoe Machinery Company Limited. Improvements in or relating to injection moulding machines.

75552. United Kingdom Atomic Energy Authority. Improvements in or relating to nuclear reactor fuel elements. (2nd March 1960).

75553. AMP Incorporated. Improvements in or relating to electrical connectors.

75554. AMP Incorporated. Improvements in or relating to the construction of modular electrical circuits.

75555. O. Gaudin. Process of preparation of new amino ethers.

75556. T.M.M. (Research) Limited. Improvements relating to the treatment of textile fibrous materials. (9th March 1960).

75557. Sandoz Ltd. Water-soluble reactive disazo dyestuffs.

75558. Continental Oil Company. Method of determining time-phase coincidence between signals.

75559. Daimler-Benz Aktiengesellschaft. Improvements relating to injection-type mixture-compressing internal-combustion engines. (27th January 1961).

75560. Ciba Limited. Process for the manufacture of 1:3:4-thiadiazoles.

75561. Ciba Limited. New 1:3:4-thiadiazoles and process for their preparation.

75562. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tryptamine derivatives and process for the manufacture thereof. (1st March 1960).

75563. I. Gombos. Drilling of earth bore holes.

75564. Ciba Limited. Process for the manufacture of new triazine derivatives and of dyestuffs obtained therefrom.

75565. Ciba Limited. Process for optically brightening organic materials.

75566. Ciba Limited. Process for optically brightening organic materials.

75567. Ciba Limited. Manufacture of new vanadium complexes.

1st March 1961

75568. G. Apparao. Improvements in or relating to the mode of power-supply to trucks, trolleys, engines, automobiles and the like.

75569. N. A. Ramatah. A new moisture proof composition for use in buildings, godowns etc.

75570. D. Napier & Son Limited. Turbo blowers. (7th March 1960).

75571. I. Villax. Process of fermentation and isolation of products thereof.

75572. Macneill & Barry Limited. Improvements in or relating to wagon loaders.

75573. Dr. K. Ziegler. Process for the electrolytic production of magnesium dialkyls and aluminium trialkyls. (29th April 1960).

75574. Dr. A. S. Moolgaoker M.D. Obstetric forceps.

75575. Chas. Pfizer & Co., Inc. Oxidation process.

75576. Short Brothers & Harland Limited. Improvement in launching apparatus for guided missiles. (11th March 1960).

75577. G. Q. Parachute Company Limited. Improvement to parachutes. (2nd March 1960).

75578. A. P. Booth. Foot flush assemblies for use with a water closet. (3rd March 1960).

75579. Haase & Kuhn K. G. Improvements relating to latch needle, especially for finely divided knitting machines.

75580. Asahi Kasei Kogyo Kabushiki Kaisha. Electro-dialyser.

75581. American Cyanamid Company. Nitrogen substituted derivative and process for the preparation thereof.

75582. Sicedison S.p.A. Process for the production of fluorinated organic compounds.

75583. Commissariat A L'Energie Atomique. A tube for passing in fluid tight fashion through the core of a nuclear factor.

75584. Chemical Construction Corporation. Method and apparatus for compressing urea synthesis off-gas.

75585. Ceskoslovenske zavody naftovych motoru Praha, narodni podnik. Method of duplicating medium and large-sized pattern equipment under application of artificial resins.

75586. American Home Products Corporation. Method of increasing microbial activities.

67878. Universal Winding Company. High speed spindle for false twisting yarn. Accepted on 23rd February 1961.
Comprising a spindle blade having an axial passageway for passage of a moving strand of said yarn and at least one portion whose external surface is a surface of revolution and means for engaging said moving strand to rotate.

67920. Vulcan-Cincinnati, Inc. Production of urea. Accepted on 1st March 1961.
Subjecting urea melt to first stage evaporation at pressure from 3.85 to 4.25 psia at temperature from 265°F to 290°F and subjecting the partially dehydrated urea melt to second evaporation stage at pressure from 1.0 to 1.75 psia at 270 to 285°F.

67923. Societe Generale Isothermos. Improvements in and relating to brake-linkage adjusters or adjusting devices. Accepted on 25th February 1961.
A locking ring in brake linkage adjuster is directly associated with a ball bearing abutment or similar member interposed between said ring and a compression spring.

68152. Ivec Holdings Limited. Improvements relating to electrical liquid brush devices. (3rd July 1958). Accepted on 24th February 1961.
Means provided to set up magnetic flux parallel to the faces of the conductor members.

68446. Naka Nippon Kangyo Kabushiki Kaisha. Process of improving properties of kapok fiber and like fibers and textile materials made thereof. Accepted on 24th February 1961.
Comprises a step of depositing non-continuously a film resin particles on the surface of said fibre.

68721. The Goodyear Tire & Rubber Company. Apparatus for molding a valve receiving aperture in the sidewall of a tire. Accepted on 13th February 1961.
Comprising, in combination, an elongated pin having a cross-sectional shape to form the desired valve receiving aperture in tire sidewall.

68739. Usines Emine Henricot, S.A. Improvements in or relating to automatic railway couplers. (14th August 1958). Accepted on 25th February 1961.
Coupler casting acting through a compressible draft gear, and with opposite locking, unlocking, safety and service appliance means.

68760. P. K. Sanghvi and B. K. Sanghvi. Cookers. Accepted on 17th February 1961.
The base of the upper vessel above the bottom vessel is formed at least one communicating passage for the said upper vessel to receive the steam from the bottom vessel.

68768. The British Rayon Research Association. Apparatus for imparting a sequence of information-controlled movements to a part or parts of a machine, especially a warp-knitting machine fitted with such apparatus. (20th August 1958). Accepted on 28th February 1961.
Hydraulically operable control means arranged to control the admission and discharge fluid for locating the said means in any one of a multiplicity of position.

68841. Inventa Ag fur Forschung und Patentverwertung. Process for the extraction of constituents of low molecular weight from granulated poly- ϵ -caprolactam. Accepted on 24th February 1961.
Sliding the granules of polycaprolactum through a vertical column counter currently to a solvent for the lower molecular weight constituent.

68848. Siemens-Schuckertwerke Aktiengesellschaft. Surface treatment of semi-conductor elements. Accepted on 24th February 1961.
Comprising exposing the semi-conductor element to a current of vapour so that sonic vapour condenses on it.

Alteration of Date

68871. The Claim to priority date 29th August 1958 has been abandoned and the application dated as of 27th August 1959, the date of filing in India.

69008. The Claim to priority date 10th September 1958 has been disallowed and the application dated as of 10th September 1959, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

67796. American Machine & Foundry Company. Ion exchange materials & methods of forming. Accepted on 25th February 1961.

Contacting polymeric material in solid phase and ethylenically unsaturated monomeric material in liquid phase, polymerizing monomeric materials and providing ion exchange group on one of the component polymers.

68871. Leeford (London) Limited. Apparatus for supporting land working or other tools on a tractor. Accepted on 25th February 1961.

Comprising a beam having means for attaching the same to and for support by tractor transversely across the tractor at its rear end and said beam carrying two forward bearing faces and two rearward bearing faces.

68874. Hovercraft Development Limited. Improvements in or relating to vehicles for travelling over land and/or water. (1st September 1958). Accepted on 27th February 1961.

At least a part of structure containing the cushion is flexibly attached to and below main body of vehicle which experiences a restoring force or forces trending to prevent vertical movement.

68881. J. R. Geigy A.-G. Biocidal composition. Accepted on 27th February 1961.

Comprises a mixture of 1-alkyl-2-imino-imidazolidine and 5:6-dihalo-2:3-dihydrobenzoxazole-2-one.

68884. The English Electric Company Limited. Improvements in or relating to electric fuses. (16th September 1958). Accepted on 24th February 1961.

Provided with a spring member arranged to give rise to the initial contact making pressure.

68887. Sky Blue Chemical Industries. Paint removing composition and method of removing paint from painted surfaces. Accepted on 24th February 1961.

Comprising a mixture of one or more of an alkali metal (including ammonium) carbonate, and one more an alkaline earth metal carbonate, the mixture containing 35 to 65 per cent of the former and 65 to 35 per cent of the latter.

68890. Cavitorn Corporation. Improvements in or relating to acoustically vibrated material treating devices. Accepted on 24th February 1961.

Comprising a mechanical vibrator, an electro-mechanical transducer influenced by exciting means, a connecting body fixed to transducer, supporting the work tool, and support means for vibrator.

68896. R. R. Pardasani. Improvement in or relating to paper punching machine. Accepted on 23rd February 1961.

A punching machine including a stapling device mounted on the base plate, a sliding operating rod engaging a guide slot, a vertical slot communicating with the guide slot in each punch, the slideable operating rod having thin sections at predetermined places.

68906. The General Electric Company Limited. Improvements in or relating to devices for producing light or infra-red radiation. (4th September 1958). Accepted on 25th February 1961.

Wherein at least some of the spacers are fixed in position within the envelope by being partly embedded in the envelope wall.

68908. J. R. Geigy A.-G. New basically substituted phenothiazine derivatives and processes for the production thereof. Accepted on 25th February 1961.

Reacting a phenothiazine with a reactive ester of an amino alcohol.

68920. Gesellschaft Fur Lindes Eismaschinen Aktiengesellschaft Zweigniederlassung Hollriegelskreuth. Gas mixtures for arc welding and the method therefor. (21st July 1959). Accepted on 28th February 1961.

Gas mixture for arc welding containing at least 8 per cent by volume and not more than 7 per cent by volume CO_2 and/or CO , 1—15 per cent by volume O_2 .

68942. Aktiebolaget Bofors. Device consisting of a fire-control instrument and one or more servo systems. Accepted on 28th February 1961.

At least one of the servo systems has been designed so that at every moment the controlled member will be set in accordance with the said member.

68971. Daimler-Benz Aktiengesellschaft. Improvements relating to motor vehicles. (10th June 1959). Accepted on 24th February 1961.

Each front wheel suspended by upper and lower wishbone links and rear road wheel mounted on articulated axle parts or half axles.

69000. Merck & Co., Inc. Improved process for the introduction of a hydrocarbon radical at the beta position of an α , β -unsaturated ketone. (19th December 1958). Accepted on 23rd February 1961.

A Δ^{18} -20-keto steroid is contacted with a metal (Zn or Cd) diloweralkyl in the presence of Mg and Cu halides.

69005. The Hindustan Vacuum Glass & Metal Industries Private Ltd., formerly known as Indo-Japan Vacuum Bottle Co. (India) Private Ltd. Improvements in or relating to vacuum flasks. Accepted on 24th February 1961.

Having a polythene collar with external thread fixedly arranged in the neck of the glass bottle and the metallic container with spigots and flanges therein and a polythene stopper having an external annular ring fixed therewith, the said ring being threaded internally to engage said external thread.

69008. Mandals Reberbane, Christiansen & Co. A/S. Improvement in shuttle arrangements in circular weave looms for hoses or the like. Accepted on 23rd February 1961.

Rollers mounted in the shuttle carrier adjacent to the two ends of the shuttle are provided with a circumferential flange extending over and adapted to be engaged by a side face of a corresponding roller mounted in the shuttle.

69033. Merck & Co. Inc. Acylation of steroid metallic enolates. (4th December 1958). Accepted on 1st March 1961.

A steroid metallic enolate is contacted with an acylating agent.

69102. May & Baker Limited. Iodobenzoic acid derivatives of use of X-ray contrast media. (2nd October 1958). Accepted on 28th February 1961.

Acyliating 3-diacetamido-2:4:6-triiodobenzoic acid.

69103. May & Baker Limited. Iodo-benzoic acid derivatives of use as X-ray contrast media. (2nd October 1958). Accepted on 28th February 1961.

3-amino-2, 4, 6-triiodobenzoic acid is diazotised and the resulting diazonium salt is treated with a metallic iodide.

69104. Metallurgical Processes Limited and The National Smelting Company Limited. Improvements in or relating to cooling arrangements for molten metals. (17th October 1958). [Addition to No. 62808.] Accepted on 24th February 1961.

Comprising a water-cooled drum rotating about a generally vertical axis and dipping upto or immersed in a bath of molten metal.

69165. Council of Scientific and Industrial Research. A method of making binding material from blast furnace slag. Accepted on 25th February 1961.

Mixing together wet ground blast furnace slag with lime and sand.

69269. Farbenfabriken Bayer Aktiengesellschaft. Process for the alteration of the physical and chemical properties of linear high molecular weight polycarbonates. (23rd June 1959). Accepted on 28th February 1961.

Treating polycarbonates with a specific dose of energy rich rays.

69277. Carter Products Inc. Improvements in or relating to N-monosubstituted-2, 2-dialkyl-1, 3-propanediol dicarbamates. Accepted on 1st March 1961.

A monocarbamate is reacted with cyanic acid or a carbamic acid ester or with phosgene and then with ammonia or with an isocyanate.

69292. Molins Machine Company Limited. Improvements in the manufacture of mouthpiece cigarettes. (9th October 1958). Accepted on 27th February 1961.
Enclosing components each of double-length inner filter abutted at each end by a single length outer filter in a paper tube, cutting the rod thus formed by bisecting double-length inner filters to provide single-length inner filters, and sub-dividing each length to provide double-length composite hollow mouthpieces.

69324. Siemens Edison Swan Limited. Improvements relating to an arrangement for sealing the exhaust tube of the envelope of a cathode ray tube or other electronic valve. Accepted on 24th February 1961.
The exhaust tube is heated to a temperature at which it is capable of being sealed off in the vicinity of its junction with the base of the envelope by means of a sleeve surrounding the exhaust tube and heated by high frequency induction from a coil surrounding the sleeve.

69338. National Distillers and Chemical Corporation. Packing and dispensing means for plastic film. Accepted on 24th February 1961.
Carton enclosing roll of plastic sheeting having convolutions, having side wall and bottom wall sections in permanent fixed relation to each other, a first top wall section in permanent fixed relation to side wall sections and a second top wall section temporarily secured to first top wall section.

69441. The Calico Printers' Association Limited. Process for improving the wet crease resistance of cellulosic textiles. (30th October 1958). Accepted on 23rd February 1961.
Comprising reacting textile material in wet condition with an aldehyde in the presence of a catalyst and allowing fabric to lie in wet condition for enabling reaction of cellulose with the aldehyde.

69450. Dr. H. K. Leistritz. Silencer for gaseous flowing media in particular for the exhaust gas of internal combustion engines. Accepted on 24th February 1961.
In shunt across the first duct system there are at least two systems with an outlet and transition space following an after connected duct system and combining its partial streams at last partly through one or more shunt ducts.

69494. E.I. du Pont de Nemours and Company. Plexifilamentary fibril. Accepted on 1st March 1961.
The synthetic polymer solution is extended through an orifice into a low pressure area; cutting the resultant three dimensional fibrous into staple lengths; suspending the staple particles in liquid and beating the slurry into paper-forming particles.

69508. The British Oxygen Company Limited. Powdered filling for the vacuum space of powder filled vacuum insulation and apparatus for the storage or passage of fluid having a temperature substantially below atmospheric temperature incorporating such insulation. (24th November 1958). Accepted on 23rd February 1961.
Comprising metal oxide having refractive index of at least 1.7 aerogel form, of a mixture of such oxides in aerogel form.

69562. Rohm & Haas Company. Process for removal of ferric chloride from iron-aluminum chloride solutions. Accepted on 1st March 1961.
Contracting the solution with an amine dissolved in a water-immiscible organic solvent and isolating the organic phase containing ferric chloride and isolating the latter from the said phase.

69570. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric discharge tubes containing as a getter, an alkali metal taken up in graphite, and methods of manufacturing such tubes. Accepted on 24th February 1961.
Discharge tube comprising a gas-tight container closed by a gas permeable cover, below which provision is made in following sequence of a pure graphites layer, an alkali metal chemically combined with graphite, and the residue of a reaction mixture produced from alkali metal.

69577. A. C. Padamsee. Improvements in or relating to hot cases for tiffin carriers and the like food containers. Accepted on 24th February 1961.
A double walled thermally insulated container with an electric heating element inside it.

69651. Chas. Pfizer & Co., Inc. Preparation of vaccine products. Accepted on 23rd February 1961.
Wherein filter pad is saturated with serum protein.

69674. Stahlgruber, Otto Gruber & Co. Improvements in or relating to patches for repairing tears or punctures in tires. Accepted on 25th February 1961.
Comprising superimposed reinforcing layers forming a body of a rosette like shape, each consisting of a rubberized fabric of thickness approximately 0.3 to 0.8 mm having tensile strength in the warp and weft directions in accordance with tensile stresses to be expected in different directions.

69678. M. A. Chaudary. Improvement in and relating to a bullock cart. [Addition to No. 59821.] Accepted on 1st March 1961.
V-shaped brackets holding the wheel axles of either side are connected with a tie or ties above the axle level to maintain clearance between wheels.

69717. National Malleable and Steel Castings Company. Improvements in or relating to a system for lifting cargo containers. (17th September 1959). Accepted on 23rd February 1961.
Comprising a hoisting implement, a crane supporting it comprising a chassis and elevating means, a guide carried by the implement, attaching means comprising elements on the chassis, the implement and guide, elements of implement and chassis relatively interlocking and releasing, for alternate attachment of guide to implement and chassis.

69743. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the preparation of pure vitamins of the B_{12} group. Accepted on 28th February 1961.
A concentrate containing vitamin-active materials of the B_{12} group is treated in aqueous solution with a proteolytic enzyme of a mould and vitamin B_{12} active materials are separated.

69794. Fertilizers & Chemicals Limited and J. Breslerman. A method of improving the filtration properties of difficultly filtrable liquid-solid chemical-reaction mixtures or slurries. Accepted on 24th February 1961.
Forming calcium sulfate in situ with main reaction.

69795. Fertilizers & Chemicals Limited, A. Strauchen, J. Breslerman and R. Wardy. Process for the manufacture of feed-grade dicalcium phosphate. Accepted on 24th February 1961.
Treating reaction mixture of rock phosphate aqueous HCl at 0—50° and pH of 0.3—0.7 with calcium hydroxide upto pH of 1.0—1.4, filtering a treating filtrate with calcium hydroxide.

69802. The Tata Iron and Steel Company, Limited. Apparatus for the measurement of magnetic properties of minerals orcs, sinter and other friable or powdery para-and ferromagnetic materials. Accepted on 25th February 1961.
Comprising a transformer with hollow core receiving sample material, a low alternating voltage applied to primary windings and a voltmeter connected across secondary windings.

69842. Dunlop Rubber Company Limited. Device for turning plies in the manufacture of pneumatic tyres. (16th December 1958). Accepted on 24th February 1961.
Comprising cylindrical flexible and extensible sheet and means for distending the sheet by inflation, a narrow circumferential band of sheet adjacent its and being of greater extensibility than the remainder.

69879. M. A. Chaudary. Improvement in and relating to cotton gins. Accepted on 24th February 1961.
Rail carrying the fixed is secured with the frame such that the edge of the knife is kept at the centre of the take up roller or preferably Y32" below the centre.

69896. Dunlop Rubber Company Limited. Ply turning device for use in the manufacture of pneumatic tyres. (16th December 1958). Accepted on 24th February 1961.
Comprising stiff but flexible fingers, arranged side by side and connected each by one end around a circular mounting, mountable coaxially alongside a tyre building former, and means for flexing the fingers radially.

69967. Ciba Limited. Sulfamyl-anilines and process for their manufacture. Accepted on 27th February 1961.
2:4-disulfonyl-halide is reacted with an araliphatic amine in the presence of an acid-binding condensing agent and the condensation product, if desired is reacted with ammonia.

69977. Societe Des Usines Chimiques Rhone-Poulenc. Production of cumene hydroperoxide. Accepted on 27th February 1961.
Oxidising cumene in liquid phase in presence of alkali metal salt of carboxylic acid like 2-ethylbutyric acid.

70029. A. C. Padamsee. Improvements in or relating to containers, vacuum flasks or the like. Accepted on 24th February 1961.
Having a resilient support for the bottom of the flask and a ring made of plastic, rubber or the like shock absorbing material on the exterior of the casing.

70124. Celanese Corporation of America. Filamentary products suitable for tobacco smoke filters and process of (and apparatus for) producing same. Accepted on 25th February 1961.
A non-woven structure comprising of a plurality of synthetic filaments wandering therethrough randomly in a multiplicity of directions and including numerous irregular crimps, bends and entanglements.

70140. Wipac Development Limited. Improvements in and relating to ignition systems for internal combustion engines. (5th January 1959). Accepted on 24th February 1961.
Wherein a source of alternating current to connected to across the capacitor without an intervening rectifier.

70141. Wipac Development Limited. Improvements in and relating to ignition systems for internal combustion engines. (5th January 1959). Accepted on 24th February 1961.
The charging means comprises an alternator connected through a rectifier to the capacitor.

70178. The British Oxygen Company Limited. Control of machine tools, for example, automatic welding machines, using a pattern or template. (26th October 1959). Accepted on 23rd February 1961.
The template is a representative of an elongated workpiece and comprises multiple individual pattern members connected one to another in line by identical resilient elements.

70183. The British Oxygen Company Limited. Control of machine tools, for example, automatic welding machines, using a pattern or template. (1st January 1959). Accepted on 23rd February 1961.
Provided with a sensing device which is responsive to a pattern or template being resiliently extensible and being in a temporarily stretched condition.

70196. Robert Bosch G.m.b.H. Improvements in or relating to cams. Accepted on 23rd February 1961.
At least that portion of cam track or surface on the cam which is operative during major portion of useful working stroke effected by cam being curved so as to obtain under predetermined working conditions substantially the maximum permissible hertzian pressure between cam and follower.

70208. Allmanna Svenska Elektriska Aktiebolaget. Insulation tester for low-tension installations. Accepted on 23rd February 1961.
The detecting instrument is an integrating instrument arranged to detect the time integral of the current.

70289. Klockner-Humboldt-Deutz A.G. Heavy-material discharge arrangement for a jig. (30th October 1959). Accepted on 23rd February 1961.
The bucket wheel consists of a wear-resistant material and the bucket walls of the said wheel are so formed that the outer edges form an acute angle with the line parallel to the axis.

70299. J. A. Eastwood. Improved trolley for use in processing tea leaf. Accepted on 24th February 1961.
Having a frame upright at each end of the trolley adapted to accommodate trays to be rotatably mounted therein and provided with a plurality of moveable catches.

70303. Mechanite Metal Corporation. Process for the production of nodular cast iron. Accepted on 24th February 1961.
Adding an amount of tellurium to the melt sufficient to produce a white melt and then graphitising the melt with magnesium silicon alloy.

70337. Joshihit Ghose. Medicine (Gum-lotion). Accepted on 28th February 1961.
Comprising an extract of the barks of the plant "oliender" (20 per cent), equa (79.9 per cent) and camphor (0.1 per cent).

70378. Dunlop Rubber Company Limited. Improvements in polyurethane foam materials. (16th January 1959). Accepted on 28th February 1961.
A polyether containing terminal OH groups, an organic compound having at least 2 isocyanate radicals in its molecule, and water are reacted together in the presence of an amine containing at least 2 active hydrogen atoms not attached to a common atom.

70427. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing nickel supports for oxide cathodes, and cathodes provided with such supports. Accepted on 1st March 1961.
During heating from 1000°C to 1200°C, oxygen diffuses into the nickel from the surface opposite to the surface intended as the support for the emissive layer until at least the magnesium in the nickel has been bound over the greater part of the thickness of the support wall.

70505. S. G. Harrison. Shoe structure having molded basic units. Accepted on 24th February 1961.
Having a unitary basic shell unit molded from elastic and flexible material, a full sole, and a molded heel and shank unit.

70542. Calor Gas (Distributing) Company Limited. Improvements in or relating to apparatus for filling a container of unknown weight with a pre-determined weight of material. (5th May 1959). Accepted on 1st March 1961.
Comprising a weight supporting device, a pivotable weigh bar, means for pivoting bar in dependence upon weight supported by the weight supporting device.

70558. Pirelli-General Cable Works Limited. Improvements in or relating to production of electric cables and the cables so produced. (24th February 1959). Accepted on 23rd February 1961.
The method of screening consists in closely applying to the inner and outer surfaces of the plastic insulation of the core or each core, a laminate comprising a film or thin layer of plastic material having firmly bonded to its surface a metal foil.

70749. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing incandescent lamps of which the free space in the cap is filled with an insulating foam. Accepted on 28th February 1961.
Introducing a foam-building mixture in the form of a hollow cylinder into the cap during cementing operation at a higher temperature.

70819. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to devices comprising semi-conductive electrode system [Addition to No. 64478] Accepted on 28th February 1961.

The base and the surge electrode are included between two conductors which can be connected together in a conductive manner by control of the current-voltage relationship with breakdown.

70846. Isaac Jackson & Sons (Fasteners) Limited. Improvements in or relating to fasteners for conveyor belts and the like. (23rd February 1959). Accepted on 23rd February 1961.

Wherein each bolt is free to turn in the holes in the recesses in the plates and is adapted at its outer end to be engaged by a turning tool or implement.

70869. Willys Motors, Inc. Wheel and brake assembly. Accepted on 1st March 1961.

Comprising a wheel member rotatably supported on the spindle housing of the brake assembly a break drum having a hub releasably secured to one end of said spindle for rotation.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta. at two rupees per copy:—

(1)

62029. 62720. 62752. 62756. 62760. 62775. 62790. 62807. 62809. 62974. 62996. 63069. 63090. 63136. 63645. 64236. 64253. 64404. 64413. 64536. 64572. 64654. 64674. 64729. 64830. 64993. 65085. 65119. 65228. 65260. 65333. 65398. 65662. 66223. 66268. 67857.

(2)

62405. 63480. 63666. 63667. 63684. 63704. 63720. 63731. 63809. 63865. 64607. 64632. 64738. 64828. 64984. 65582. 66160. 66256.

(3)

64562. 64650. 64759. 64995. 65010. 65011. 65047. 65049. 65050. 65066. 65127. 65128. 65138. 65192. 65193. 65214. 65241. 65242. 65320. 65403. 65418. 65471. 65480. 65689. 65893. 65900. 65909. 65977. 66143. 66164. 66395. 66484. 66586. 66653. 66829. 66928. 67252. 70294.

Patents Sealed

65891. 66123. 66136. 66336. 66449. 66515. 66994. 66995. 66996. 66997. 66998. 66999. 67009. 67027. 67028. 67043. 67066. 67127. 67158. 67514. 67679. 67696. 67779. 67875. 67904. 67905. 67906. 67966. 68029. 68155. 68194. 68273. 68319. 68399. 68413. 68498. 68537. 68641. 68755. 69002. 69078. 69080. 69184. 69404. 69467. 69766. 69861. 72591. 72723. 72724.

Renewal Fees Paid

28345. 34272. 34404. 34561. 34689. 35709. 36900. 36932. 37024. 37085. 37255. 37394. 37454. 39194. 39214. 39246. 39261. 39323. 39360. 39393. 39400. 39438. 39594. 39695. 40876. 40978. 41025. 41060. 41128. 41170. 41171. 41317. 41684. 42768. 42769. 42783. 42790. 42805. 42825. 42830. 42870. 42893. 42908. 42968. 43059. 43111. 43663. 44582. 44586. 44666. 44742. 44743. 44762. 44777. 44848. 44855. 44947. 45054. 46161. 46520. 46587. 46803. 46818. 46905. 46916. 46940. 46959. 46984. 47053. 47089. 47141. 47203. 47316. 48664. 48943. 48944. 49081. 49086. 49190. 49244. 49311. 49312. 49344. 49390. 49457. 49474. 49481. 49583. 49665. 50695. 50938. 51143. 51249. 51309. 51310. 51311. 51416. 51457. 51470. 51523. 51559. 51562. 51573. 51580. 51589. 51604. 51669. 51714. 51721. 51732. 51850. 52216. 52929. 53683. 53866. 53894. 53928. 53967. 53968. 53979. 53980. 53981. 53993. 53994. 54018. 54045. 54101. 54118. 54149. 54219. 54293. 54332. 54333. 54389. 54414. 54419. 54430. 54441. 54455. 54591. 54653. 54655. 55288. 55420. 55550. 55552. 55852. 55904. 56125. 56691. 56692. 56695. 56735. 56784. 56927. 56948. 56952. 56972. 56982. 56983. 56995. 57053.

57058. 57063. 57082. 57094. 57095. 57110. 57117. 57121. 57129. 57152. 57193. 57201. 57214. 57236. 57240. 57241. 57242. 57350. 57369. 57390. 57392. 57418. 57559. 57577. 57657. 57719. 59668. 59725. 59729. 59730. 59731. 59733. 59758. 59779. 59787. 59809. 59810. 59813. 59815. 59834. 59856. 59881. 59899. 59915. 59916. 59917. 59918. 59919. 59933. 59934. 59941. 59942. 59973. 59977. 59985. 60002. 60012. 60053. 60056. 60057. 60089. 60124. 60154. 60159. 60163. 60207. 60237. 60260. 60276. 60315. 60370. 60415. 60420. 60505. 60598. 60869. 60999. 61378. 61379. 61680. 61381. 61382. 62679. 63218. 63338. 63362. 63366. 63490. 63537. 63562. 63625. 63690. 65118.

Cessation of Patents

27663. 27880. 28302. 28471. 29502. 29764. 29769. 29776. 29788. 29789. 29790. 29791. 31192. 31193. 31195. 31196. 31197. 31204. 32867. 32868. 32869. 37741. 37743. 37746. 37750. 45487. 45496. 45500. 45504. 45506. 47638. 47640. 47652. 47688. 47906. 49895. 49905. 49916. 51444. 52320. 52327. 52342. 54887. 54917. 54919. 54922. 54926. 54935. 54959. 55183. 55597. 57824. 57826. 57850. 57886. 57889. 57897. 57898. 57899. 58195. 58196. 58449. 58488. 59279. 60079. 60868. 61739.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patents: No. 42196 and its patent of addition No. 54009—*Algemeene Kunstvezel Maatschappij, Naamlooze Venootschap*.

The patents ceased on the 11th August 1960 owing to non-payment of the renewal fee within the prescribed time and the cessation of the patents was notified in the Gazette of India, Part III, Section 2 dated the 28th January 1961. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 22nd April 1961

(2)

Notice is hereby given that an order was made on the 20th February 1961 restoring the Original patent numbered 50181 and dated as of the 2nd September 1953, along with the patents of addition to the said patent, numbered 61029 and 61030 and both dated as of the 8th July 1957 granted to Ramapati Ghosh for, "Group or gang operated universal tilting insulator switch", "Group or gang operated universal tilting insulator switch", and "Group or gang operated universal tilting insulator switch" respectively.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 105611. Poly-Profile an Indian Partnership Corporation Firm, 94 Medows Street, Fort, Bombay, Maharashtra, "Constructional elements", July 22, 1960.

Class 1. No 105817. Aarson Industries, an Indian Partnership concern, 9-U.B. Jawahar Nagar, Delhi-6 (India), "An aerial", August 8, 1960.

Class 1. No. 106262. La Teie Mecanique Electrique Societe Anonyme, 33 bls, Avenue Marechal-Joffre, Nanterre (Seine), France, a French Company, "A switch box", (March 22, 1960), September 1, 1960.

Class 1. No. 106303. The Standard Electrical Co-operative Society Ltd, 25-26, Bulsroyce Colony Building No. 2, Ground Floor, Santa Cruz (East) Bombay-55, Maharashtra, Indian Co., "Electric bells and buzzers", September 5, 1960.

Class 1. No 106341. Mohammed Abdul Rehman and Mohammed Abdul Salam, Indian Nationals, trading as Rajasthan Trunk Company, Tripolia Bazar, Jaipur (Rajasthan), "Suit case", September 8, 1960.

Class 1. No. 106568. Devco Industries, Phagwara Gate, Jullundur City, Punjab State, an Indian Hindu Joint Family Firm, "Hand drill machine", September 23, 1960.

Class 1. No. 106673. Kizhanathan Sundararaja Varadarajan, Indian National, Rama Nivas, Plot No. 90, Shradhanand Cross Road, Matunga (C. Rly), Bombay-19, (Maharashtra State), "Tattoo making appliances", October 5, 1960.

Class 1. No. 106772. Jawanda Mal Bansal, Banga, Distt. Jullundur, Punjab State, (India), Indian by nationality "(Kunda) Chain hook". October 10, 1960.

Class 1. No. 107073. Hoover Limited, A company registered under the Laws of Great Britain, Greenford, Middlesex, England, "A washing machine control plate", (12th May 1960), November 9, 1960.

Class 3. No. 106304. The Standard Electrical Co-operative Society Ltd., 25-26, Bulsroyce Colony Building No. 2, Ground Floor, Santa Cruz (East) Bombay-55, Maharashtra Indian Co., "Electric bells and buzzers", September 5, 1960.

Class 3. No. 106305. The Standard Electrical Co-operative Society Ltd., 25-26, Bulsroyce Colony Building No. 2, Ground Floor, Santa Cruz (East) Bombay-55, Maharashtra Indian Co., "Bakelite connectors", September 5, 1960.

Class 5. Nos. 106202 & 106203. Durga Dass Sachdev, Swadeshi Market, Sadar Bazar, Delhi-6 (India), Indian Subject, "A label", August 29, 1960.

Class 5. No. 106477. Nand Kishoreprasad, an Indian, Sahebgang, P.O. Chapra Distt. Saran (Bihar), India, "Wrapper", September 14, 1960.

Class 13. Nos. 106905 to 106929, 106932 & 106934. Shree Ram Mills, Limited, Fergusson Road, Parel, Bombay-13, India, a company Incorporated in India, "Textile piece goods", October 22, 1960.

Class 13. Nos. 107574 & 107575. The Asoka Mills Limited, Post Box No. 1050, Naroda Rd., Ahmedabad, Indian Company, "Cotton textile fabrics", December 19, 1960.

Class 13. No. 107742. Ashok Silk Mills, 144, Dharavi Road, Bombay 17, Indian Private Limited Company, "textile goods", December 28, 1960.

Class 13. Nos. 107785 & 107786. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", January 5, 1961.

Class 13. No. 108002. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", January 17, 1961.

Class 13. Nos. 108021 to 108023. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", January 18, 1961.

Class 13. No. 108037. Crown Spg. & Mfg. Co. Ltd., Ghokhale Road (South), Parel, Bombay-13, Nationality—Indian, "Textile goods", January 24, 1961.

Class 14. No. 107746. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", December 29, 1960.

Copyright extended for a Second Period of Five Years

Design No. 86228, Class 4.

Design No. 86229, Class 3.

Patents and Designs
Calcutta, the 18th March 1961
SPECIAL NOTICE

Attention of the public is invited to the Ministry of Commerce and Industry S.O. No. 278 dated 30th January 1961 published in the Gazette of India, Part II—Section 3 (ii) dated 4th February 1961 (page 348) whereby amending their notification No. S.R.O. 681 dated the 23rd March 1955 and appointing The Secretary, Inventions Promotion Board, L.I.C. Building, Parliament Street, New Delhi-1, as one of the authorities for the purpose of Section 72 of the Indian Patents and Designs Act, 1911 (Act II of 1911).

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd March 1961

75587. V. K. Jhamb. Improved constructional elements of the kind comprising of slotted or perforated bars of angle sections.

75588. Shell Internationale Research Maatschappij N. V. Well logging.

75589. The Willesden Paper & Canvas Works Limited. Preservation of cellulose. (8th March 1960).

75590. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of high molecular weight linear polyesters. (6th December 1960).

75591. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of vitamin-A-aldehyde. (14th December 1960).

75592. The General Electric Company Limited. Improvements in or relating to electric filter arrangements which employ hybrid devices. (7th March 1960).

75593. J. R. Geigy A.-G. N-heterocyclic compound.

75594. J. R. Geigy A.-G. Process for the dyeing and printing of fibres containing cellulose.

75595. Merck & Co. Inc. Carton.

75596. Uma. Pati Ghatak Cupola. [Addition to No. 67547].

4th March 1961

75597. W. Heberer and M. T. Schmid. Process for production of porous electrodes.

75598. Precision Valve Corporation. Improvements in or relating to valve-operating buttons for use on aerosol containers.

75599. Mundipharma A. G. Improvements in choline salicylate.

75600. Chandranath Das and Dr. M. N. Rao. Continuous fluidized three-phase extractor.

75601. Imperial Chemical Industries Limited. Polyolefine stabilisers. (4th March 1960).

75602. Commissariat A L'Energis Atomique. Solid moderator piles for nuclear reactors.

75603. Rohm & Haas Company. Method for preparing a graft copolymer and composition comprising such a graft copolymer and a polyvinyl halide.

75604. Carrier corporation. Absorption refrigeration systems and control arrangements therefor.

75605. The General Electric Company Limited. Improvements in and relating to laminated electromagnetic cores. (10th March 1960).

75606. May & Baker Limited. Pharmaceutical compositions containing new pyrazole derivatives. (3rd December 1958). [Divisional date 3rd December 1959].

75607. Shin-Etsu Kagaku Kogyo Kabushiki Kaisha (Known as Shin-etsu Chemical Industrial Co., Ltd.). Method of aggregating soils. (2nd January 1961).

75608. A. S. Nagarajah. Gravity feed kerosine safety stove.

75609. J. E. S. Thomas. Improvements in and relating to electric torch lights.

75610. Hindustan Antibiotics Limited. Improvement in the process for the preparation of substances having β -lactam thiazolidine structure related to penicillin.

75611. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements in the production of hexamethylene tetramine.

75612. Ciba Limited. Process for the manufacture of a substance active against tubercle bacilli (5th March 1960).

75613. Compagnie De Saint-Gobain. Improvements in or relating to apparatus for smoothing and/or polishing sheets of glass.

75614. The Plessey Company Limited. Improvements in or relating to the control of composite mechanical drives.

75615. The Borden Company. Milk product and process. (9th October 1959). [Divisional date 26th October 1959].

75616. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for fixing pigments on fibrous material and flat structures.

6th March 1961

75617. A. Kanagaraj. A simple, cheap and easily attachable and detachable tele-talk unit for connecting to standard radio with speakers.

75618. T. C. Munirathnam. Improvements in or relating to stoves.

75619. K. A. Thomas, K. J. Thomas, K. T. Thomas and K. P. Thomas. Improvements in or relating to stand for bicycle.

75620. British Federal Welder and Machine Company Limited and T. F. Tribe. Clinching tools and units. (11th March 1960).

75621. Stamicarbon N.V. Process for preparing very pure formaldehyde.

75622. The Dow Chemical Company. Soil nitrification fertilizer compositions and process for making same.

75623. Sesame Envelopes Limited. Envelope and opening means therefor. (7th March 1960).

75624. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Improvements relating to the continuous casting of metal.

75625. Rohm & Haas Company. A cosmetic composition for protecting the skin against sunburn while permitting tanning to occur and process for preparing said composition.

75626. Radio Corporation of America. Semiconductor devices.

75627. Radio Corporation of America. Frequency converter.

75628. Oy Tampella Ab. Cartridge for projectiles. ([Addition to No. 69284].

75629. Hercules Powder Company. Improvements in or relating to stabilized cellulose derivatives and process.

75630. Western Electric Company, Incorporated. Improvements in or relating to wave transmission systems. (11th March 1960).

75631. Ciba Limited. Manufacture of new benzimidazoles.

75632. Sandoz Ltd. Pigment preparations.

75633. American Cyanamid Company. Δ^1 -unsaturated steroids and process for preparation.

75634. American Cyanamid Company. Nitrogen compounds and process for their preparation.

8th March 1961

75635. Hercules Powder Company. Improvements in or relating to finishes for polyolefins.

75636. Hercules Powder Company. Improvements in or relating to water-soluble cellulose ethers and process.

75637. Ciba Limited. Improvements in or relating to tools for making surface patterns.

75638. Ciba Limited. Process for dyeing or printing fibrous materials.

75639. Rolls-Royce Limited. Heat exchange apparatus, e.g. for use in gas turbine engines. (14th March 1960).

75640. Union Carbide Corporation. Preparation of crystalline polypropylene.

75641. Daimler-Benz Aktiengesellschaft. Improvements relating to rotary-piston internal combustion engines. (27th January 1961).

75642. Ab Vacuum-Extractor. Instrument for fluid injections into the uterus and fallopian tubes. [Addition to No. 67627].

75643. Massey-Ferguson (United Kingdom) Limited. Improvements in and relating to agricultural implements. (2nd April 1960).

75644. J.H.R. Thornhill. Improvements in or relating to apparatus for extracting soluble constituents from vegetable matter.

75645. Institut Francais Du Petrole. Des Carburants Et Lubrifiants. Double injection device for internal combustion engines. [Addition to No. 64654].

75646. P. Mongitore. Fluid operated driving or driven machine.

75647. Merck & Co. New amino acids.

75648. Ciba Limited. Photographic layers for the silver dyestuff bleaching method.

75649. Ciba Limited. Photographic layers for the silver dyestuff bleaching process.

75650. B. K. Shaw Industries (Private) Limited. Improvements in or relating to stoppers for bottles of vacuum flasks and like containers.

75651. American Cast Iron Pipe Company. Refractory lined centrifugal casting molds.

75652. Shell International Research Maatschappij N. V. A process for the catalytic desulphurisation of hydrocarbon oils. (9th March 1960).

75653. The Gross Company. Improvements in or relating to machine tools.

75654. Compagnie De Signaux Et D'Entreprises Electriques. High-tension impulse generators, more particularly for track circuits. (8th February 1961).

75655. Imperial Chemical Industries Limited. Formation of hollow bodies from powdered materials (10th March 1960).

75656. Hovercraft Development Limited. Vehicles for travelling over land and/or water. (11th March 1960).

75657. Commercial Solvents Corporation. Process for the protection of textiles.

75658. Polysius G.M.B.H. Improvements in or relating to the reduction of the alkali content of cement clinker.

75659. E. Lemaire and R. Lemaire. Improvements relating to photogravure baths. (17th May 1960).

75660. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Octahydroisoquinoline derivatives and process for the manufacture thereof.

75661. Sankyo Company, Limited. A new process for preparing thiamine.

75662. T. Yoshida. Apparatus for producing slide fasteners having interlocking elements of synthetic resin.

75663. Yoshida Kogyo K. K. Apparatus for positioning fastener interlocking elements sewn on tapes.

75664. Ciba Limited. Process for the manufacture of etherified bicyclic compounds.

75665. Ciba Limited. Manufacture of ketones.

75666. Messwerkzeug-K.G. Gustav Ullrich. Plastic tape measure and apparatus for producing the same. (14th February 1961).

75667. Siemens-Schuckertwerke Aktiengesellschaft. A semiconductor device.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

67885. Firma Carl Still. Improved method and devices for dry distillation of coal, lignite, peat or briquettes of those materials, pitch, pitch granulate, in horizontal regenerating ovens. Accepted on 3rd March 1961.

Comprising a retort having vertical heating flues arranged in groups, the flues of alternate groups being heated upwardly by flames and being connected at their upper ends by horizontal channel with flues of groups in which the flow is downwards, regenerators arranged parallel to the retort and other improved arrangements.

67931. Council of Scientific and Industrial Research. A new flavouring substance from waste black pepper and common salt. Accepted on 3rd March 1961.
Extracting waste black pepper with a solvent, removing the solvent to give oleoresin removing resin therefrom and spraying an alcoholic solution of the precipitate on common salt.

67932. Council of Scientific and Industrial Research. Improvement in or relating to the process of separation and isolation of the physiologically active principles of nim oil (*melia indica*). Accepted on 3rd March 1961.
By removing solvent from a solvent extract of the oil, and extracting the semi solid mass obtained with petroleum ether.

68307. Societe Generale Isothermos. Improvements in or relating to axle boxes, notably for tip-waggons. (8th July 1958). Accepted on 7th March 1961.
The axle-box includes a casing having an internal sleeve and defining in the front thereof a space, such that with the said space containing maximum oil, the axle box can rotate through 360° without oil escaping through the sleeve.

68345. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of plastics. (23rd March 1959). Accepted on 3rd March 1961.
Reacting condensation and/or polymerisation product with at least 2 hydroxyl group with molecular weight exceeding 800 with aromatic polyisocyanates.

68949. Oatley Technical Developments Limited. Improvements relating to grilling appliances. Accepted on 4th March 1961.
Comprising a pair of supports to support the spit rotatably in any of a variety of positions at differing normal distances from radiant surface.

68965. The Dow Chemical Company. Graft copolymer compositions and process for their preparation. Accepted on 6th March 1961.
One or more alkenyl aromatic monomers are polymerised in presence of an elastomeric ethylene copolymer substrate.

68966. The Dow Chemical Company. Process for preparing essentially linear elastomeric copolymer and copolymers produced thereby. Accepted on 3rd March 1961.
Elastomeric copolymer of ethylene and an aliphatic polyol vinyl ether said ether containing at least one vinyl group.

68967. Les Usines De Meilé. Process for extracting citric acid from aqueous solutions thereof. Accepted on 6th March 1961.
By passing aqueous solutions thereof counter-currently with 2-butanol or mixtures of 2-butanol with alcohols, ethers, esters, ketones, hydrocarbon or halogenated compounds, and working the extract obtained with water.

68974. R. D. Kolandaiswamy. Railway rail chair. Accepted on 8th March 1961.
Chains used at the rail joints provided with bent length to form sleeve with two rectangular slots in the middle of the sleeve for spikes or clips.

68977. H. H. Mansoori, Y. H. Mansoori, N. H. Mansoori, I. H. Mansoori and I. H. Mansoori. Improvement and modification in manufacturing the pickers used in textile industry. Accepted on 8th March 1961.
Comprising the steps of making one end of a flat strip tapered, folding the said strip along its width, rolling and bending the said folded strip such that the tapered end of the said strip enters into the fold of the opposite end of the strip, the rolled strip thereafter stapled, the shuttle striking portion being made of increased width.

68988. Spofa Sdruzeni podniku pro zdravotnickou výrobu. Procedure for the preparation of new physiologically active products of sulfonation of heterosides saponin and tannin and their salts. Accepted on 8th March 1961.
Sulfonating saponin or tanning in presence of organic nitrogen compound boiling higher than 110°C.

68995. American Radiator & Standard Sanitary Corporation. Hermetic motor cooling by direct expansion of system refrigerant into motor. Accepted on 8th March 1961.
Provided with means for receiving liquid refrigerant from the condenser and feeding it into the rotor stator gap and has means for establishing a suction condition.

69003. South African Farm Implement Manufacturers Limited. Improvements in or relating to agricultural implements adapted for 'unit-mounting' on tractors. (11th September 1958). Accepted on 8th March 1961.
Having a power lift including a lower pair of draft links, a transverse frame and a means of connection on this frame for connecting to the draft links.

69032. Merck & Co. Inc. Process for the preparation of pregnadien and pregnatrien compounds. (25th October 1958). Accepted on 8th March 1961.
Reacting 3-17 hydroxy pregnane-11, reacting the product with alkali metal borohydride, reacting resulting product with acid, reacting with halogen reacting resulting 21-halo compound with alkali metal salt, oxidising the latter compound with bromine.

69034. Damic Controls Limited. Improvements in valves. (16th September 1958). Accepted on 8th March 1961.
The valve being formed in two interconnected parts which together provide the recess for the reception of the sealing when the two parts are interconnected.

69045. Cilag-Chemie Limited, formerly known as Cilag Limited. Diagnostic composition. (28th October 1958). Accepted on 8th March 1961.
Comprising an azo derivative from the class of 3-arylazo-2, 6-diamino pyridine and a vegetable protein.

69051. E. Biller. Improvements in or relating to the nuclear alkylation of aromatic compounds. (1st July 1959). Accepted on 8th March 1961.
Alkyllating in presence of catalyst phase which is liquid under reaction conditions and which contains an acid nuclear alkylation catalyst diluted with water an alcohol and/or carboxylic acid.

69067. The Goodyear Tire & Rubber Company. Polymeric dimercaptans and methods for their preparation. Accepted on 8th March 1961.
Polymerizing at least one monomer containing $H_2C=C=$ in presence of xanthogen disulfide and hydrolyzing the xanthate ester groups.

69081. Syntex S.A. Process for the manufacture of new unsaturated halogenpregnanes. Accepted on 8th March 1961.
A unsaturated 3, 18-diketo steroid is dehydrogenated with chloranil, and if desired resulting dione product is converted into the trione with SeO_2 or chloranil.

69157. Westinghouse Brake & Signal Company Limited. Improvements relating to electronic counting chains. (14th November 1958). Accepted on 4th March 1961.
Comprising in each stage a bistable circuit including a pair of transistors, a stepping pulse input connection and a pulse output connection associated with each transistor and interstage couplings.

69268. Imperial Chemical Industries Limited. New azo dyestuffs. (31st October 1958). Accepted on 6th March 1961.
Treating aminoazo compound with a metallising agent and a triazine.

69294. Societe Des Usines Chimiques Rhone-Poulenc. Process for the preparation of new phenthiazine derivatives and pharmaceutical compositions containing them. (28th October 1958). Accepted on 3rd March 1961.
Morpholino carbonyl piperazinyl alkyl group is introduced into the 10-position of phenthiazine nucleus.

69329. Rohm & Haas Company. Process for purifying sugar juices. Accepted on 7th March 1961.
Treating the sugar juices at least at room temperature with a strongly basic anion-exchange resin in hydroxide form so as to give the juices a pH of at least about 11 and next treating with calcium salt and removing insoluble salt.

69383. Council of Scientific and Industrial Research. Refining of castor oil. Accepted on 3rd March 1961.
Raw castor oil is treated with excess of aqueous sodium carbonate and subsequently water-washed 3 to 4 times and bleached.

69389. Imperial Chemical Industries Limited. Process for the manufacture of pyrimidine derivatives. (8th December 1958). Accepted on 8th March 1961.
Reacting 2:6-dichloro-4-(aminobenzenesulphonamido)-5-methyl-pyrimidine with metal alcoholate.

39632. International Business Machines Corporation. Improvements in memory systems for data processing devices. (7th August 1959). Accepted on 3rd March 1961.
The memory system having a plurality of addressable storage locations adapted to store data in the form of information words.

39697. Council of Scientific and Industrial Research. Improvements in or relating to spin pasteurizers for canned acid foods. Accepted on 8th March 1961.
Spin heating with steam a water of sealed food cans rotating on inclined endless belt within enclosed chamber.

39702. H.J.M. Clement. Preparation of new watersoluble enzymes. Accepted on 8th March 1961.
Macerating animal tissue in sterile water and separating the enzyme.

39820. Imperial Chemical Industries Limited. Improvements in and relating to the polymerisation of olefines. (1st December 1958). [Addition to No. 66682]. Accepted on 8th March 1961.
Wherein aluminium and titanium tetrachloride are reacted together in the presence of boron trichloride at 80-220°C.

39882. Shell Internationale Research Maatschappij N.V. Insecticidal compositions. Accepted on 8th March 1961.
Comprising insecticidally active vinyl esters of pentavalent phosphorus acid and a synergist.

39911. Westinghouse Brake & Signal Company Limited. Improvements relating to electronic counting chains. (11th December 1958). [Addition to No. 62919]. Accepted on 3rd March 1961.
Having a series of cascade-connected bistable circuits of which each circuit is composed of a pair of symmetrically cross-connected transistors of like type.

39924. Abbott Laboratories. Low-pressure process of producing cyclohexylamine. Accepted on 8th March 1961.
Reductively reacting aniline with hydrogen in presence of rhodium catalyst at temperature between 25° and 200°C and at pressure between 5 and 100 pounds per square inch.

39956. American Cyanamid Company. Nitrogen heterocycles and process for preparing same. Accepted on 4th March 1961.
An aryl derivative is reacted with an orazolidinone and, if desired the product is alkylated.

70078. General Electric Company. A support for the end turns of a dynamoelectric machine. Accepted on 4th March 1961.
Comprising resin impregnated glass roving in unitary bands spaced at intervals on peripheral portions of the end turns.

70079. General Electric Company. Glass tape for armature banding. Accepted on 4th March 1961.
A multiplicity of substantially parallel glass fibres impregnated with a fully cured thermosetting resinous composition in an amount constituting between 2 per cent and 8 per cent of the total weight.

70099. Aktiebolaget Svenaka Kullagerfabriken. Roller cage for cylindrical roller bearings. Accepted on 8th March 1961.
Characterized by abutments and supporting members located at one end of each roller.

70172. Council of Scientific and Industrial Research. An improved process for or relating to manufacture of vinyl esters in general and vinyl acetate in particular. Accepted on 4th March 1961.
Reacting para aldehyde with acetic anhydride in presence of catalyst i.e. cationic resins absorbed in solid carrier.

70246. Fichtel & Sachs A.G. Improvements in and relating to hydro-pneumatic shock absorbing systems. Accepted on 4th March 1961.
Comprising a working chamber filled with hydraulic fluid under continuous resilient pressure a reservoir and feed chamber for hydraulic fluid.

70253. Shubhabrata Roymahasay and Sudhindra Lal Laskar. A process for the manufacture of 3-p-aminobenzene sulphonamido-6-methoxyphridazine. Accepted on 8th March 1961.
Treating 3-(p-amino benzene sulphonamido)-6-methoxy pyridazine with a reducing agent.

70332. Pertrix-Union Gesellschaft Mit Beschränkter Haftung. Galvanic primary cell. Accepted on 8th March 1961.
Characterized in that a downwardly projecting insulating tube is fitted on the inner face of the upper cover of the cup-shaped shell, this tube tightly enclosing the current conductor of the positive electrode upto the surface of the depolariser.

70854. Radio Corporation of America. A clock-radio receiver. Accepted on 3rd March 1961.
Means are provided whereby a charging current for the rechargeable clock battery is derived from the radio receiver battery.

70861. Casablancas High Draft Company Limited. Improvements in ring spinning frames. (27th February 1959). Accepted on 7th March 1961.
Two rows of spindles, each with associated drafting mechanisms, are arranged in inwardly tracing relationship on opposite sides of an elevated gangway platform beneath which sliver packages can be accommodated.

70889. Council of Scientific and Industrial Research. A process for the production of graft-copolymers from natural rubber. Accepted on 8th March 1961.
Mixing vinyl monomer in natural rubber latex and using hydrozine hydrate as catalyst in presence of atmospheric oxygen.

70902. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process of simultaneously producing manganese and ferrosilicon. (20th November 1959). Accepted on 6th March 1961.
Distilling under vacuum a mixture of iron, silicon and manganese wherein at least a part of silicon and manganese being present as self-comanganese.

72045. Schlumberger Well Surveying Corporation. Methods and apparatus for investigating earth formations. Accepted on 3rd March 1961.

Consists of borehole with conducting liquid, a pad member having two electrodes, one of the electrodes having exposed surface on the edge.

Patents Sealed

66049. 66232. 67193. 67212. 67507. 67532. 67695. 67835. 68044. 68190. 68395. 68444. 68904. 68931. 69532. 70025. 72381. 72553.

Application for Compulsory Licence Under Section 22

The application made on the 10th September 1956 under Section 22 of the Indian Patents and Designs Act, 1911 by Madhukar Sadashiv Wadke of 14 Sadashiv Street, Girgaum, Bombay for a licence under Patent No. 47165 and notified in the Gazette of India, Part III—Section 2 dated the 3rd November 1956 and opposed by Messrs. Rodi Wienenberger Aktiengesellschaft has been treated as withdrawn by the order dated the 10th March 1961 of the Joint Controller of Patents and Designs.

Renewal Fees Paid

28726. 28824. 29341. 29744. 34695. 36996. 37357. 37382. 39354. 39523. 39528. 39551. 39557. 39628. 39776. 41041. 41125. 41126. 41139. 41182. 41232. 41365. 41490. 41492. 41620. 42775. 42872. 42946. 42955. 42973. 43054. 43068. 43181. 43389. 44474. 44655. 44731. 44733. 44828. 44830. 44841. 44902. 44903. 44922. 44958. 44990. 45016. 45034. 45183. 45264. 45272. 46925. 47092. 47096. 47111. 47135. 47167. 47176. 47224. 47225. 47332. 47497. 47897. 48399. 48462. 49137. 49246. 49247. 49248. 49321. 49326. 49340. 49342. 49355. 49388. 49420. 49514. 49515. 49516. 49549. 49550. 49558. 49572. 50005. 51504. 51583. 51594. 51597. 51649. 51660. 51764. 51767. 51874. 51963. 51985. 51986. 51987. 52437. 53871. 56705. 56723. 56812. 56939. 56971. 56977. 57142. 57159. 57190. 57243. 57269. 57327. 57328. 57334. 57400. 57409. 57425. 57456. 57468. 57490. 57502. 57545. 57679. 57921. 57961. 58770. 58771. 59453. 59608. 59702. 59772. 59795. 59822. 59827. 59831. 59835. 59836. 59853. 59867. 59872. 59887. 59896. 59965. 59970. 60005. 60023. 60026. 60074. 60075. 60111. 60146. 60157. 60179. 60288. 60289. 60296. 60310. 60311. 60329. 60354. 60435. 60570. 61340. 61341. 63356. 63361. 63600. 63722. 63737. 63788. 64104. 64105. 64164. 64165. 64166. 64167. 64381.

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Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents & Designs Act, 1911, for the restoration of the following Patent:

No. 59316—Olin Mathieson Chemical Corporation.

The patent ceased on the 24th February 1960 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 25th February 1961. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933, at the Patent office, 214, Lower Circular Road, Calcutta 17, on or before the 29th April 1961.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 107682 and 107683. The Asoka Mills Limited P.B. No. 1050, Naroda Road, Ahmedabad-2 Indian Company, "Cotton textile fabrics", December 26, 1960.

Class 13. Nos. 107917, 107919 to 107921. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textiles fabrics", January 13, 1961

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| Rao, S. G.—75386. | Wellcome Foundation Ltd., The—75240, 75305, 75306, 75449. |
| Ratnam, K. V.—75416. | Western Electric Co. Incorporated—75537, 75538. |
| Rattu, T.S.D.S.—75225. | Westinghouse Brake and Signal Co. Ltd.—75178, 75192, 75193, 75377. |
| R. H. Windsor Ltd.—75247. | Westinghouse Electric Corp.—75242. |
| Reynolds Metals Co.—75498. | |
| Riedel & Co.—75333. | |
| Rodeffer Industries, Inc.—75322. | |
| Rohm & Haas Co.—75485, 75497, 75514. | |
| Runchhodas, P.—75182, 75461. | |
| Ruti Machinery Works Ltd. (formerly Casper Honegger) —75492. | S. VENKATESWARAN Controller General of Patents, Designs and Trade Marks |